

# ABSTRACT OF THE DISCLOSURE

A network apparatus is provided, which allows another network apparatus to recognize the disconnection with reliability, if a power supply to the network apparatus is interrupted. A control unit operating with a first power supply outputs a first signal, which is level-converted and supplied as a second signal to an intermediate potential supply unit operating with a second power supply. In the intermediate potential supply unit, a switch receives a reset signal as a switch signal and outputs, when the power supply is interrupted, a ground potential to a driver instead of the second signal. As a result, an intermediate potential supplied to a cable is forcibly set to the ground potential.